LOWER OVERHEAD SHARED CACHE INVALIDATIONS

Abstract of the Invention

Under the present invention, a system, method, and program product are provided for reducing the overhead of cache invalidations in a shared cache by transmitting a hashed code of a key to be invalidated. The method for shared cache invalidation comprises: hashing a key corresponding to an object in a first cache that has been modified or deleted to provide a hashed code of the key, wherein the first cache forms part of a shared cache; transmitting the hashed code of the key to other caches in the shared cache; comparing the hashed code of the key with entries in the other caches; and dropping any keys in the other caches having a hash code the same as the hashed code of the key.